

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In re application of
Mark D. Owen

Group Art Unit: 2501

Application No. 08/276,797

Filed: July 18, 1994

For: ULTRAVIOLET LASER SYSTEM
FOR FORMING VIAS IN
MULTI-LAYERED TARGETS

Date: September 25, 1995

Examiner: Greg Mills

CERTIFICATION OF FACSIMILE TRANSMISSION
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW.

Michael L. Levine
PRINT NAME OF PERSON SIGNING CERTIFICATION
SIGNATURE DATE 9/25/95

PRELIMINARY AMENDMENT IN RESPONSE
TO TELEPHONE RESTRICTION

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Amend the above-identified patent
application as follows.

In the Specification:

- ✓ Page 8, line 25, delete [, if achievable].
✓ Page 9, line 19, after "but" insert

--they--.

In the Claims:

- ✓ Amend claims 1, 3, 5-7, 9, and 13 as
follows.

1. (Amended) A method for laser
processing a multi-layered target including at least
two layers having different chemical compositions
with respective first and second optical absorption
characteristics responsive to ultraviolet light,
comprising:

generating high power ultraviolet laser
output pulses having a predetermined spatial spot
size, a wavelength shorter than about 400 nm, a
temporal pulse width shorter than about 100 ns, and
an average output power of greater than about 100 mW
measured over the spatial spot size; and